

### ABSTRACT

A laser processing apparatus which can correct the fluctuation in laser light emitting direction among laser heads is provided.

5 In the laser processing apparatus 1, a laser head 13 is held and cooled by a cooling jacket 11, and thus can be operated stably. Also, even if the emitting direction of laser light L fluctuates when replacing the laser head 13 because of its damage or the like, a regulator 15 can  
10 adjusts the position and inclination of the cooling jacket 11 with respect to an optical system main part 4, so that the emitting direction of the laser light L can coincide with the optical axis of the optical system main part 4. Thus, the laser processing apparatus 1 can easily correct the fluctuation in the laser light emitting direction among the laser heads  
13.